L Number	Hits	Search Text	DB	Time stamp
1	6	(("5491604") or ("5914553") or ("6204737") or ("6316827") or ("6305779")	USPAT;	2004/07/07 10:26
		or ("6167757")).PN.	US-PGPUB	
2	97241	plating	USPAT;	2004/07/07 11:05
			US-PGPUB	
3	1009996	vertical	USPAT;	2004/07/07 10:27
	01.4501		US-PGPUB	2004/05/05 40 25
4	214791	spacer	USPAT;	2004/07/07 10:27
	20267		US-PGPUB	2004/07/07 10:27
5	28267	mems	USPAT; US-PGPUB	2004/07/07 10:27
6	173	plating and vertical and spacer and mems	USPAT;	2004/07/07 10:42
ا ا	175	platting and vertical and spacer and mems	US-PGPUB	2004/07/07 10.42
7	80	(plating and vertical and spacer and mems) and @ad<20010823	USPAT;	2004/07/07 10:34
		(praising and version and operation and mainly and controlled	US-PGPUB	
8	430	plating and spacer and mems	USPAT;	2004/07/07 10:38
			US-PGPUB	
9	214	(plating and spacer and mems) and @ad<20010823	USPAT;	2004/07/07 10:39
			US-PGPUB	
10	134	((plating and spacer and mems) and @ad<20010823) not ((plating and	USPAT;	2004/07/07 10:39
		vertical and spacer and mems) and @ad<20010823)	US-PGPUB	
11	3841	micromechanical	USPAT;	2004/07/07 10:38
	00		US-PGPUB	
12	83	plating and spacer and micromechanical	USPAT;	2004/07/07 10:38
13	56	(plating and spaces and micromachanical) and @ad<20010822	US-PGPUB	2004/07/07 10:42
13	30	(plating and spacer and micromechanical) and @ad<20010823	USPAT; US-PGPUB	2004/07/07 10:42
14	15	((plating and spacer and micromechanical) and @ad<20010823) not "19" not	USPAT;	2004/07/07 10:42
14	1.5	((plating and spacer and mems) and @ad<20010823) not ((plating and	US-PGPUB	2004/07/07 10.42
		vertical and spacer and mems) and @ad<20010823)	OS I GI OB	
15	17509	sacrificial	USPAT;	2004/07/07 10:41
			US-PGPUB	
16	376	plating and mems and sacrificial	USPAT;	2004/07/07 10:42
			US-PGPUB	
17	173	(plating and mems and sacrificial) and @ad<20010823	USPAT;	2004/07/07 11:06
			US-PGPUB	
18	15	((plating and spacer and micromechanical) and @ad<20010823) not "19" not	USPAT;	2004/07/07 10:43
		((plating and spacer and mems) and @ad<20010823) not ((plating and	US-PGPUB	
,,	40	vertical and spacer and mems) and @ad<20010823)	I I CD A TO	2004/05/05 10 10
19	40	((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and	USPAT; US-PGPUB	2004/07/07 10:48
		vertical and spacer and mems) and @ad<20010823) not ((plating and spacer)	US-PGPUB	
		and mems) and @ad<20010823) not ((plating and spacer and		
		mems) and @ad<20010823)		
20	173	((plating and mems and sacrificial) and @ad<20010823) not (((plating and	USPAT;	2004/07/07 10:48
		spacer and micromechanical) and @ad<20010823) not (((plating and spacer	US-PGPUB	
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
.	100	(ad<20010823))		
21	129	((plating and mems and sacrificial) and @ad<20010823) not (((plating and	USPAT;	2004/07/07 11:07
		spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and	US-PGPUB	
		mems) and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not ((plating and spacer and micromechanical) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)		
22	31736	resonator	USPAT;	2004/07/07 11:05
	40		US-PGPUB	
23	184443	plating plated electroplating electroplated	USPAT;	2004/07/07 11:06
			US-PGPUB	

24	2930	resonator and (plating plated electroplating electroplated )	USPAT;	2004/07/07 11:29
24	2930	resonator and (planing plated electroplaning electroplated)	US-PGPUB	2004/07/07 11:25
25	125	sacrificial and (resonator and (plating plated electroplating electroplated ))	USPAT:	2004/07/07 11:06
23		basimotal and (issociator and (planing planes vices opining vices opining))	US-PGPUB	
26	55	(sacrificial and (resonator and (plating plated electroplating electroplated )))	USPAT;	2004/07/07 11:19
		and @ad<20010823	US-PGPUB	
27	39	((sacrificial and (resonator and (plating plated electroplating electroplated )))	USPAT;	2004/07/07 11:14
		and @ad<20010823) not (((plating and mems and sacrificial) and	US-PGPUB	
		@ad<20010823) not (((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
		and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not ((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
	1	and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
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		@ad<20010823) not ((plating and vertical and spacer and mems) and		
10	2204	@ad<20010823)	USPAT:	2004/07/07 11:18
28	2204	spacer and resonator	US-PGPUB	2004/07/07 11:18
29	112	coorificial and (cooper and reconstor)	USPAT;	2004/07/07 11:14
29	112	sacrificial and (spacer and resonator)	USPAT; US-PGPUB	2004/07/07 11:14
			US-FUFUB	

30	97	(sacrificial and (spacer and resonator)) not (((sacrificial and (resonator and	USPAT;	2004/07/07 11:19
		(plating plated electroplating electroplated ))) and @ad<20010823) not	US-PGPUB	
		(((plating and mems and sacrificial) and @ad<20010823) not (((plating and		
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		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not ((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		ļ
		((plating and spacer and mems) and @ad<20010823) not ((plating and		!
		vertical and spacer and mems) and @ad<20010823)) not ((plating and mems		
		and sacrificial) and @ad<20010823) not (((plating and spacer and		
		micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
		and @ad<20010823) not ((plating and vertical and spacer and mems) and		Ì
		(plating and spacer and mems) and (ad<20010823) mot ((plating and spacer and mems) and (ad<20010823)		
	İ	not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and micromechanical) and @ad<20010823) not		
		(((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((sacrificial and (resonator and (plating		
		plated electroplating electroplated ))) and @ad<20010823) not (((plating and		
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		micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
		and @ad<20010823) not ((plating and vertical and spacer and mems) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and micromechanical) and @ad<20010823) not		
		(((plating and spacer and mems) and @ad<20010823) not ((plating and		
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		mems) and @ad<20010823)) not ((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
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	j	and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
	1	and @ad<20010823)) not ((plating and spacer and mems) and		
	1	@ad<20010823) not ((plating and vertical and spacer and mems) and		
21	53.	@ad<20010823)	LICDATE	2004/07/07 ** **
31	534	sacrificial and resonator	USPAT;	2004/07/07 11:18
20	1 22-	(	US-PGPUB	2004/07/07 11 60
32	337	(sacrificial and resonator) and @ad<20010823	USPAT;	2004/07/07 11:29
	1		US-PGPUB	1

1	238	((sacrificial and resonator) and @ad<20010823) not ((sacrificial and (spacer	USPAT;	2004/07/07 11:3
		and resonator)) not (((sacrificial and (resonator and (plating plated	US-PGPUB	
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İ		and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and micromechanical) and @ad<20010823)) not		
		(((plating and spacer and mems) and (@ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
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		and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
		and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		1
		@ad<20010823)) not ((sacrificial and (resonator and (plating plated		
		electroplating electroplated ))) and @ad<20010823) not (((plating and mems		
		and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
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		((plating and spacer and micromechanical) and @ad<20010823) not		
		(((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
ì		((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
ľ		(placing and vertical and spacer and ments) and (mad<20010823)) not (sacrificial and (spacer and resonator)) not		
		(((sacrificial and (resonator and (plating plated electroplating electroplated		
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İ		@ad<20010823) not (((plating and spacer and micromechanical) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
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1		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and micromechanical) and @ad<20010823) not (((plating and spacer and	!	
ĺ		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)	1	
		and @ad<20010823)) not ((plating and spacer and mems) and		
İ		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not ((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
[		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
İ		((plating and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823) not ((plating and spacer)		
		and micromechanical) and @ad<20010823) not ((plating and spacer and		
ľ		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)	1	
		and @ad<20010823) not ((plating and spacer and mems) and		
į		@ad<20010823) not ((plating and vertical and spacer and mems) and		
]		@ad<20010823)) not ((pacific and (resonator and (plating plated		
rch Histor	y 7/7/04 1	2-A Ect to Blating esectroplated ))) and @ad<20010823) not (((plating and mems		
		1000259025(wist) and @ad<20010823) not (((plating and spacer and		
t	-	micromechanical) and @ad<20010823) not (((plating and spacer and mems)	Ĩ	1

34	387	spacer and (resonator and (plating plated electroplating electroplated ))	USPAT;	2004/07/07 11:29
			US-PGPUB	
35	276	(spacer and (resonator and (plating plated electroplating electroplated ))) and	USPAT;	2004/07/07 11:37
		@ad<20010823	US-PGPUB	

5	257	((spacer and (resonator and (plating plated electroplating electroplated ))) and @ad<20010823) not (((sacrificial and resonator) and @ad<20010823)	USPAT; US-PGPUB	2004/07/07 11:
		not ((sacrificial and (spacer and resonator)) not (((sacrificial and (resonator		
		and (plating plated electroplating electroplated))) and @ad<20010823) not		
		(((plating and mems and sacrificial) and @ad<20010823) not (((plating and		
		spacer and micromechanical) and @ad<20010823) not (((plating and spacer		
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((plating and spacer and mems) and		}
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		· · · · · · · · · · · · · · · · · · ·		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823) not ((plating and mems)		1
		and sacrificial) and @ad<20010823) not (((plating and spacer and		
		micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
		and @ad<20010823) not ((plating and vertical and spacer and mems) and		
		(plating and spacer and mems) and (ad<20010823) (plating and spacer and mems) and (ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and micromechanical) and @ad<20010823) not		
		(((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		·
		and mems) and @ad<20010823) not ((plating and vertical and spacer and		
		mems) and @ad<20010823)) not ((sacrificial and (resonator and (plating		
		plated electroplating electroplated ))) and @ad<20010823) not (((plating and		
		mems and sacrificial) and @ad<20010823) not (((plating and spacer and		
		micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
		and @ad<20010823) not ((plating and vertical and spacer and mems) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and micromechanical) and @ad<20010823) not		
		(((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and mems and sacrificial) and	-	
		(((plating and micromechanical) and ((and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
		vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
		and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
		@ad<20010823)) not (sacrificial and (spacer and resonator)) not	ļ	
		(((sacrificial and (resonator and (plating plated electroplating electroplated		
		))) and @ad<20010823) not (((plating and mems and sacrificial) and		
		@ad<20010823) not (((plating and spacer and micromechanical) and		
		@ad<20010823) not (((plating and spacer and mems) and @ad<20010823)		
		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		
		((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer		
		and micromechanical) and @ad<20010823) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and		
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		and @ad<20010823) not ((plating and vertical and spacer and mems) and		
		(plating and spacer and mems) and (and spacer and mems) and		
		(plating and vertical and spacer and mems) and (plating and mems and sacrificial) and		
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		not ((plating and vertical and spacer and mems) and @ad<20010823)) not		1
		((plating and spacer and mems) and @ad<20010823) not ((plating and		
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		and micromechanical) and @ad<20010823) not (((plating and spacer and		
		mems) and @ad<20010823) not ((plating and vertical and spacer and mems)		
		and @ad<20010823)) not ((plating and spacer and mems) and		
		@ad<20010823) not ((plating and vertical and spacer and mems) and		
ch Histo		2 2004 08283) not ((sacrificial and (resonator and (plating plated		
.PPS\eas	\workspaces	1062699Pating electroplated ))) and @ad<20010823) not (((plating and mems		1
		and sacrificial) and @ad<20010823) not (((plating and spacer and	1	

37	8013	mems and (plating plated electroplating electroplated )	USPAT;	2004/07/07 11:37
			US-PGPUB	
38	831	mems and sacrificial and (plating plated electroplating electroplated )	USPAT;	2004/07/07 11:37
	Ì		US-PGPUB	
39	443	(mems and sacrificial and (plating plated electroplating electroplated )) and	USPAT;	2004/07/07 11:45
		@ad<20010823	US-PGPUB	

	260	((mems and sacrificial and (plating plated electroplating electroplated )) and	USPAT;	2004/07/07 11:4
	200	@ad<20010823) not (((spacer and (resonator and (plating plated	US-PGPUB	
		electroplating electroplated ))) and @ad<20010823) not (((sacrificial and		
		resonator) and @ad<20010823) not ((sacrificial and (spacer and resonator))		
		not (((sacrificial and (resonator and (plating plated electroplating		
		electroplated ))) and @ad<20010823) not (((plating and mems and		
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		micromechanical) and @ad<20010823) not (((plating and spacer and mems)		
		and @ad<20010823) not ((plating and vertical and spacer and mems) and		
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APPS\east\workspac	paces	1@6259201 10823) not ((plating and vertical and spacer and mems) and (@ad<20010823)) not ((sacrificial and (resonator and (plating plated		

41	5	438/48-53	USPAT;	2004/07/07 11:44
			US-PGPUB	
42	1581	(438/48-53).CCLS.	USPAT;	2004/07/07 11:44
			US-PGPUB	
43	228	(plating plated electroplating electroplated ) and ((438/48-53).CCLS.)	USPAT;	2004/07/07 11:45
1			US-PGPUB	

44

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Search History 7/7/04 1235(h2) BMd @ate20010823) not ((plating and vertical and spacer and mems)

46	123	resonator and ((438/48-53).CCLS.)	USPAT;	2004/07/07 11:50
İ			US-PGPUB	
47	87	(resonator and ((438/48-53).CCLS.)) and @ad<20010823	USPAT;	2004/07/07 12:06
			US-PGPUB	

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49	199	spacer and ((438/48-53).CCLS.)	USPAT;	2004/07/07 12:06
			US-PGPUB	
50	133	(spacer and ((438/48-53).CCLS.)) and @ad<20010823	USPAT;	2004/07/07 12:06
			US-PGPUB	

**US-PGPUB** 

((438/48-53).CCLS.)) and @ad<20010823) not ((((plating plated electroplating electroplated ) and ((438/48-53).CCLS.)) not (((mems and sacrificial and (plating plated electroplating electroplated )) and @ad<20010823) not (((spacer and (resonator and (plating plated electroplating electroplated ))) and @ad<20010823) not (((sacrificial and resonator) and @ad<20010823) not ((sacrificial and (spacer and resonator)) not (((sacrificial and (resonator and (plating plated electroplating electroplated ))) and @ad<20010823) not (((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((sacrificial and (resonator and (plating plated electroplating electroplated ))) and @ad<20010823) not (((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not (sacrificial and (spacer and resonator)) not (((sacrificial and (resonator and (plating plated electroplating electroplated ))) and @ad<20010823) not (((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not ((plating and mems and sacrificial) and @ad<20010823) not (((plating and spacer and micromechanical) and @ad<20010823) not (((plating and spacer and mems) and @ad<20010823) not ((plating and vertical and spacer and mems) and @ad<20010823)) not

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